

Attorney Docket No.: P-5061-US #5

AP3 Rec'd PCT/PTO 28 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): PALTI, Yoram      Examiner: Not Yet Known  
Serial No.: 10/524,553      Group Art Unit: Not Yet Known  
Filed: February 14, 2005  
Title: SYSTEM FOR IN VIVO SAMPLING AND ANALYSIS

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1. ☒ listing documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2003, copies of United States patents and/or United States patent application publications are not included in this information disclosure statement; and/or
2. ☐ listing documents including patents, publications and other information that have been previously cited or submitted to the Patent Office in prior application U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_ which is properly identified and relied on for an earlier effective filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
3. ☒ listing documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;
4. ☐ listing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

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APPLICANTS: PALTI, Yoram  
SERIAL NO.: 10/524,553  
FILED: February 14, 2005  
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The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) ☒ Within three (3) months of filing the subject Application or entry of the subject Application into the national stage or before mailing of the first Office Action on the merits of the subject Application or a request for continued examination thereof, whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or

II) ☐ After the period specified in (I) but before the mailing date of either a final Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311 whichever occurs first and;

1. ☐ the undersigned hereby states that each item of information listed on the Form PTO-1449 was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

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APPLICANTS: PALTI, Yoram  
SERIAL NO.: 10/524,553  
FILED: February 14, 2005  
Page 3

2. ☐ the undersigned hereby authorizes the Patent Office to charge the fee in the amount of \$180.00 under 37 C.F.R. §1.17 (p) to Deposit Account 50-3355.

III) ☐ After the period in (I) and (II) but before the payment of the issue fee and,

1. The undersigned hereby states:

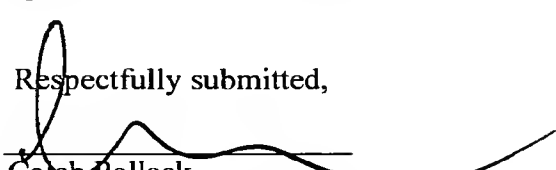
a) ☐ that each item of information cited on the form PTO-1449 was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or

b) ☐ that no items of information contained in Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and

2. ☐ The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R. §1.17 (p) to Deposit Account 50-3355.

**Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-3355.

Respectfully submitted,

  
Caleb Pollack  
Attorney/Agent for Applicant(s)  
Registration No. 37,912

Dated: November 28, 2005

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Fax: (212) 632-3489

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b> Application Number: 10/524,553 Filing Date: February 14, 2005 First Named Inventor: PALTI, Yoram Group Art Unit: Not Yet Known Examiner Name: Not Yet Known Attorney Docket Number: P-5061-US	
Sheet	1	of	10		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A	6,475,145		Baylor	11-05-2002	
	B	2002-0015952		Anderson et al.	02-07-2002	
	C	2002-0173718		Frisch et al.	11-21-2002	
	D	2003/0020810		Takizawa et al.	01-30-2003	
	E	2003/0023150		Yokoi et al.	01-30-2003	
	F	5,081,041		Yafuso, et al.	01-14-1992	
	G	5,211,165		Dumoulin, et al.	05-18-1993	
	H	5,042,486		Pfeiler, et al.	08-27-1991	
	I	5,913,820		Bladen, et al.	06-22-1999	
	J	5,429,132		Guy, et al.	07-04-1995	
	K	5,479,935		Essen-Moller	01-02-1996	
	L	5,837,196		Pinkel, et al.	11-17-1998	
	M	5,109,870		Silny, et al.	05-05-1992	
	N	5,800,350		Coppelson, et al.	09-01-1998	
	O	6,395,562		Hammock, et al.	05-28-2002	
	P	6,488,694		Lau, et al.	12-03-2002	
	Q	6,285,897		Kilcoyne, et al.	04-29-2001	
	R	6,369,812		Lyriloz et al.	04-09-2002	
	S	6,174,291		McMahon	01-16-2001	

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	T	WO	99/32028			07-01-1999		<input type="checkbox"/>
	U	WO	02/55984			07-18-2002		<input type="checkbox"/>
	V	JP	2002010990			01-15-2002		<input type="checkbox"/>
	W	IL	126727			10-22-1998 (filing date)		<input type="checkbox"/>
	X	IL	143258			05-20-2001 (filing date)		<input type="checkbox"/>
	Y	JP	7289504			11-07-1995		<input type="checkbox"/>
	Z	JP	2001224551			08-21-2001		<input type="checkbox"/>
	AA	WO	02-67593			08-29-2002		<input type="checkbox"/>
	AB	WO	01-10291			02-15-2001		<input type="checkbox"/>
	AC	DE	2929429			02-07-1980		<input type="checkbox"/>

Examiner Signature	/Ahmed Elhassan/	Date Considered	02/04/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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/A.E./

Please type a plus sign (+) inside the box → ☐

PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/524,553
				Filing Date	February 14, 2005
				First Named Inventor	PALTI, Yoram
				Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known				
Sheet	2	of	10	Attorney Docket Number	P-5061-US

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		Number	Kind Code <sup>2</sup> (if known)			
	AD	60/297,761		Lewkowicz et al.	06-14-2001 (filing date)	
	AE	2001-017649		Yaron	08-30-2001	
	AF	6,632,175		Marshall	10-14-2003	
	AG	2004-027459		Segawa et al.	02-12-2004	
	AH	2003-0171652		Yokoi et al.	09-11-2003	
	AI	2003-0171649		Yokoi et al.	09-11-2003	
	AJ	2003-0171648		Yokoi et al.	09-11-2003	
	AK	5,549,109		Samson et al.	08-27-1996	
	AL	4,940,997		Hamlin et al.	07-10-1990	
	AM	6,324,418		Crowley et al.	11-27-2001	
	AN	6,228,048		Robbins	05-08-2001	
	AO	2001-02513		Naito et al.	09-27-2001	
	AP	4,178,735		Jackson	12-18-1979	
	AQ	3,683,890		Beal	08-15-1972	
	AR	4,262,632		Hanton et al.	04-21-1981	
	AS	2001/0035902		Iddan et al.	11-01-2001	
	AT	5,368,027		Lubbers et al.	11-29-1994	
	AU	2003/0018280		Lewkowicz et al.	01-23-2003	
	AV	09/807,892		Meron et al.	06-06-2001(filing date)	
	AW	3,971,362		Pope et al.	07-27-1976	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AX	JP	6114037			04-26-1994		<input type="checkbox"/>
	AY	WO	02/094337			11-28-2002		<input type="checkbox"/>
	AZ	WO	01/50941			07-19-2001		<input type="checkbox"/>
	BA	JP	6285044			10-11-1994		<input type="checkbox"/>
	BB	WO	01/69212			09-20-2001		<input type="checkbox"/>
	BC	JP	7111985			05-02-1995		<input type="checkbox"/>
	BD	DE	34 40 177			06-15-1986		<input type="checkbox"/>
	BE	WO	02/55126			07-18-2002		<input type="checkbox"/>
	BF	WO	2004/035106			04-29-2004		<input type="checkbox"/>
	BG	JP	4144533			05-19-1992		<input type="checkbox"/>

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				Application Number	10/524,553
				Filing Date	February 14, 2005
				First Named Inventor	PALTI, Yoram
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Sheet	3	of	10	Attorney Docket Number	P-5061-US

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		Number	Kind Code <sup>2</sup> (if known)			
	BH	4,239,040		Hosoya et al.	12-16-1980	
	BI	4,439,197		Honda et al.	03-27-1984	
	BJ	4,689,621		Kleinberg	08-25-1987	
	BK	4,844,076		Lesho et al.	07-04-1989	
	BL	5,279,607		Schentag et al.	01-18-1994	
	BM	5,330,427		Weissenburger	07-19-1994	
	BN	5,395,366		D'Andrea et al.	03-07-1995	
	BO	5,558,640		Pfeiler et al.	09-24-1996	
	BP	5,604,531		Iddan et al.	02-18-1997	
	BQ	5,993,378		Lemelson	11-30-1999	
	BR	6,233,476		Stormmer et al.	05-15-2001	
	BS	2002/0177779		Adler et al.	11-28-2002	
	BT	4,803,992		Lemelson	02-14-1989	
	BU	2002/0146368		Meron et al.	10-10-2002	
	BV	4,646,724		Sato et al.	03-03-1987	
	BW	5,187,572		Nakamura et al.	02-16-1993	
	BX	5,267,033		Hoshino	11-30-1993	
	BY	5,495,114		Adair	02-27-1996	
	BZ	5,819,736		Avny et al.	10-13-1998	
	CA	5,929,901		Adair et al.	07-27-1997	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	CI	JP	2001112709			04-24-2001		<input type="checkbox"/>
	CJ	JP	2001104287			04-17-2001		<input type="checkbox"/>
	CK	JP	2001104241			04-17-2001		<input type="checkbox"/>

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		Number	Kind Code <sup>2</sup> (if known)			
	CL	5,986,693		Adair et al.	11-16-1999	
	CM	6,043,839		Adair et al.	03-28-2000	
	CN	2002/0103417		Gazdzinski	08-01-2002	
	CO	2003/0028078		Glukhovskiy	02-06-2003	
	CP	2003/0114742		Lewkowicz et al.	01-19-2003	
	CQ	10/200,548		Glukhovskiy et al.	07-23-2002 (filing date)	
	CR	10/724,109		Glukhovskiy et al.	12-01-2003 (filing date)	
	CS	2002/0158976		Vni et al.	10-31-2002	
	CT	4,819,620		Okutsu	04-11-1989	
	CU	5,398,670		Ortiz et al.	03-21-1995	
	CV	6,692,430		Adler	02-17-2004	
	CW	10/166,025		Lewkowicz et al.	06-11-2002 (filing date)	
	CX	10/213,345		Glukhovskiy	08-07-2002 (filing date)	
	CY	2003/0045790		Lewkowicz et al.	03-06-2003	
	CZ	4,038,485		Johnston et al.	07-26-1977	
	DA	5,114,864		Walt	05-19-1992	
	DB	5,252,494		Walt	10-12-1993	
	DC	5,096,671		Kane et al.	03-17-1992	
	DD	5,582,170		Soller	12-10-1996	
	DE	6,256,255		Keeth et al.	07-03-2001	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	DO	JP	2000342524			06-11-2002		<input type="checkbox"/>

Examiner Signature	/Ahmed Elhassan/	Date Considered	02/04/2009
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Sheet	6	of	10	Attorney Docket Number	P-5061-US

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		Number	Kind Code <sup>2</sup> (if known)			
	EU	5,833,603		Kovacs et al.	11-10-1998	
	EV	5,853,005		Scanlon	12-29-1998	
	EW	6,074,349		Crowely	06-13-2000	
	EX	6,165,128		C'espedes et al.	12-26-2000	
	EY	5,762,770		Pritchard et al.	06-09-1998	
	EZ	5,892,144		Meller et al.	04-06-1999	
	FA	5,932,480		Maruo et al.	08-03-1999	
	FB	6,256,522		Schultz	07-03-2001	
	FC	2001-0051766		Gazdzinski	12-13-2001	
	FD	4,741,327		Yabe	05-03-1988	
	FE	3,683,389		Hollis	08-08-1972	
	FF	2001-0031502		Watson, JR. et al.	10-18-2001	
	FG	2001-0053535		Bashir et al.	12-20-2001	
	FH	2001-0034025		Modlin et al	10-25-2001	
	FI	5,385,846		Kuhn et al.	01-31-1995	
	FJ	4,920,045		Okuda et al.	04-24-1990	
	FK	5,443,701		Willner et al.	08-22-1995	
	FL	5,460,969		Fielder et al.	10-24-1995	
	FM	5,490,969		Bewlay et al.	02-13-1996	
	FN	5,081,040		Patel et al.	01-14-1992	

FOREIGN PATENT DOCUMENTS								
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	FX	WO	01-53792			07-26-2001		<input type="checkbox"/>

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				Application Number	10/524,553
				Filing Date	February 14, 2005
				First Named Inventor	PALTI, Yoram
				Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known				
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		Number	Kind Code <sup>2</sup> (if known)			
	DP	6,330,465		Huyberechts et al.	12-11-2001	
	DQ	6,498,941		Jackson	12-24-2002	
	DR	2003-139661		Kimchy et al.	07-24-2003	
	DS	4,817,632		Schramm	04-04-1989	
	DT	6,330,464		Colvin, Jr. et al.	12-11-2001	
	DU	2004-0176664		Iddan	09-09-2004	
	DV	2002-0111544		Iddan	08-15-2002	
	DW	2002-0042562		Meron et al.	04-11-2002	
	DX	2003-0013370		Glukhovsky	01-16-2003	
	DY	2003/0069474		Couvillon, JR. et al.	04-10-2003	
	DZ	6,709,387		Glukhovsky et al.	03-23-2004	
	EA	2004/0073087		Glukhovsky et al.	04-15-2004	
	EB	4,885,077		Karakelle et al.	12-05-1989	
	EC	5,290,517		Samuels et al.	03-01-1994	
	ED	5,814,525		Renschler et al.	09-29-1998	
	EF	5,968,765		Grage et al.	10-19-1999	
	EG	60/402,703		Palti	08-13-2002 (filing date)	
	EH	5,088,492		Takayama et al.	02-18-1992	
	EI	6,115,061		Lieberman et al.	09-05-2000	
	EJ	6,936,003		Iddan	08-30-2005	

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		Application Number		10/524,553	
		Filing Date		February 14, 2005	
		First Named Inventor		PALTI, Yoram	
		Group Art Unit		Not Yet Known	
		Examiner Name		Not Yet Known	
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		Number	Kind Code <sup>2</sup> (if known)			
	FY	4,017,261		Svoboda et al.	04-12-1977	
	FZ	5,447,868		Augurt	09-05-1995	
	GA	5,362,478		Desai et al.	11-08-1994	
	GB	5,563,071		Augurt	10-08-1996	
	GC	5,006,314		Gourley et al.	04-09-1991	
	GD	4,306,877		Lubbers	12-22-1981	
	GE	5,376,336		Lubbers et al.	12-27-1994	
	GF	60/421,788		Iddan	10-29-2002 (filing date)	
	GG	2002-0198439		Mizuno	12-26-2002	
	GH	6,162,171		Ng et al.	12-19-2000	
	GI	5,662,587		Grundfest et al.	09-02-1997	
	GJ	6,402,686		Ouchi	06-11-2002	
	GK	6,719,684		Kim et al.	04-13-2004	

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				<b>Filing Date</b>	<b>February 14, 2005</b>
				<b>First Named Inventor</b>	<b>PALTI, Yoram</b>
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	GQ	International Search Report for PCT/IL99/0554 dated April 4 2000	<input type="checkbox"/>	
	GR	Supplementary Partial European Search Report, March 19, 2004	<input type="checkbox"/>	
	GS	International Search Report of PCT/IL02/00391, dated May 19, 2003	<input type="checkbox"/>	
	GT	Katgraber F, Glenewinkel F, Fischler S, Int J. Legal Med 1998; 111(3) 154-6	<input type="checkbox"/>	
	GU	Wang, et al., "Integrated Micro-Instrumentation for Dynamic Monitoring of the Gastro-Intestinal Tract", Presented at IEEE Instrumentation and Measurement Technology Conference, May 2002, Anchorage, Ak, USA, www.see.ed.ac.uk/Naa.publications.html	<input type="checkbox"/>	
	GV	Evaluation of the heidelberg pH capsule: Method of Tubeless Gastric Analysis, Yarbrough, III et al., The American Journal Of Surgery, Vol. 117, February 1969, pp. 185-192.	<input type="checkbox"/>	
	GW	Bio-Medical Telemetry: Sensing and Transmitting Biological Information from Animals and Man, R. Stuart Mackay, John Wiley and Sons, New York, 1970, pp. 244-245.	<input type="checkbox"/>	
	GX	"The Heidelberg pH Capsule System Telemetric Fasting Gastric Analysis", Heidelberg International. Incorporated	<input type="checkbox"/>	
	GY	Heidelberger Kapsel - ein Kleinstsender fur die pH-Messung im Magen, Lange, et al., Telefunken-Zeitung, Jg 36 (1963) Heft 5, pp. 265-270	<input type="checkbox"/>	
	GZ	"New Smart Plastic has Good Memory" - Turke, European Medical Device Manufacturer, devicelink.com	<input type="checkbox"/>	
	HA	"The Radio Pill", Rowlands, et al., British Communications and Electronics, August 1960, pp. 598-601		
	HB	Video Camera to "TAKE" - RF System Lab, December 25, 2001		
	HC	"Wellesley Company Sends Body Montiors into Space" - Crum, Boston Business Journal, 1998.		
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	HD	www.rfnorkia.com - NORIKA3, printed on Jan. 1, 2002	<input type="checkbox"/>
	HE	"Wireless Transmission of a Color Television Moving Image from the Stomach using a Miniature CCD Camera, Light Source and Microwave Transmitter." Swain CP, Gong F, Mills TN. Gastrointest Endosc 1997;45:AB40, Vol. 45, No. 4, 1997	<input type="checkbox"/>
	HF	"In Pursuit of the Ultimate Lamp", Craford et al., Scientific American, February 2001	<input type="checkbox"/>
	HG	Manual of Photogrammetry, Thompson (Ed.), Third Edition, Volume Two, Copyright 1944, 1952, 1966 by the American Society of Photogrammetry	<input type="checkbox"/>
	HH	www.jason.net/tinycam.htm, © 2001, printed 19 December 2001	<input type="checkbox"/>
	HI	www.middleeasthealthmag.com/article2.htm - Review proves the value of computers, © 2001, printed 29 November 2001	<input type="checkbox"/>
	HJ	www.pedinc.com Personal electronic devices, © 1997	<input type="checkbox"/>
	HK	BBC News Online - Pill camera to 'broadcast from the gut', February 21, 2000, www.news.bbc.co.uk, printed 22 October 2002	<input type="checkbox"/>
	HL	High Throughput Microchannel DNA Sequencer, Balch, Human Genome Center. Biology and Biotechnology Research Program, Lawrence Livermore National Laboratory.	<input type="checkbox"/>
	HM	www.cartesian.com - Nanoliter quantitative aspiration and dispense (nQUAD) technology	<input type="checkbox"/>
	HN	www.cartesiantech.com - Products for DNA microarray applications	<input type="checkbox"/>
	HO	www.cartesiantech.com - Synchronizwd nQUAD technology	
	HP	www.mbt.washington.edu- Leroy Hood, Research Focus, March 15, 2000	

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	HQ	Medical Diagnosis Reagents, Vol. 16, pp. 88-107	<input type="checkbox"/>
	HR	"Electroactive Polymer Actuators as Artificial Muscles", Y. Bar-Cohen, Ed., Spie Press, 2001	<input type="checkbox"/>
	HS	"The 'Elephant Trunk' Manipulator, Design and Implementation", M.W. Hannan and I.D. Walker, pp. 1-6	<input type="checkbox"/>
	HT	In vitro leucocyte adhesion to modified polyurethane surfaces - Bruil et al. Biomaterials 1992, Vol. 13, No. 13, pp. 915-923	<input type="checkbox"/>
	HU	What is Proteomics, March 15, 2000	<input type="checkbox"/>
	HV	International Search Report of International Application No. PCT/IL02/00041, dated July 30, 2002.	<input type="checkbox"/>
	HW	"Robots for the Future" - Shin-ichi, et al. <a href="http://jin.jcic.or.jp/nipponaia13/sp05.html">http://jin.jcic.or.jp/nipponaia13/sp05.html</a> . printed 29 November 2001	<input type="checkbox"/>
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